

19990310.ba v02\_n457.bam.990310

>From ???@??? Thu Mar 11 02:44:59 1999  
Message-Id: <199903110445.WAA19374@sco.theporch.com>  
Date: Wed, 10 Mar 1999 22:44:27 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2457

BOATANCHORS Digest 2457

Topics covered in this issue include:

- 1) Happy99 Worm  
by "David Newkirk" <dpnewkirk@home.com>
- 2) Re: R4C crystals FS  
by Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
- 3) FS: Coils for MILLEN GDOs  
by Michael Crestohl <mc@sover.net>
- 4) Re: HQ-180A Identification  
by john <johnmb@mindspring.com>
- 5) Thanks  
by David and Shari Abell <dabell@aloha.net>
- 6) Responses About Hallicrafters SX-71 Dial Colors  
by Liles Garcia <Liles\_Garcia@pmc-sierra.com>
- 7) Loose IF can slug? What to do?  
by Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
- 8) RE: Loose IF can slug? What to do?  
by Ed Sieb <esieb@gmsiworld.com>
- 9) Re: Loose IF can slug? What to do?  
by "Mike B. Feher" <n4fs@monmouth.com>
- 10) Europe FS R390-A  
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 11) Swan Main Tuning Knob WTB  
by "ROBERT F. KEMP" <rkemp@mr.net>
- 12) Re: Loose IF can slug? What to do?  
by Bill <billross@txdirect.net>
- 13) WTB Heath Apache  
by Kevin Thomas <kg9il@mc.net>
- 14) BA's For Sale  
by "Benjamin D. Hall" <kd5byb@WT.NET>
- 15) Re: Loose IF can slug? What to do?  
by Mike Sullivan <michaels@kc2kj.k2nesoft.com>
- 16) Re: Loose IF can slug? What to do?  
by Avery Comarow <acomarow@USNEWS.COM>
- 17) Resistor Needed  
by "Tom Bowes" <kk8m@home.com>
- 18) Hallicrafters chokes??

by Sandy Gerli <angerli@esslink.com>  
19) Re: BA's For Sale  
by "Benjamin D. Hall" <kd5byb@WT.NET>  
20) Diode data???  
by Sandy Gerli <angerli@esslink.com>  
21) Looking for some some KSR28 spare parts...  
by Gary Oliver <go@ao.com>  
22) Re: Diode data???  
by "Richard" <rbrunner@gis.net>  
23) Re: Diode data???  
by Jim Roik <jnroik@escape.ca>  
24) Re: Diode data???  
by Jim Roik <jnroik@escape.ca>  
25) Re: Diode data???  
by Arden Allen <gumbear@pacbell.net>  
26) Re: Loose IF can slug? What to do?  
by Arden Allen <gumbear@pacbell.net>

-----  
From: "David Newkirk" <dpnewkirk@home.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Happy99 Worm  
Date: Tue, 9 Mar 1999 18:21:10 -0500  
Message-ID: <000001be6a83\$84dba600\$11670518@cc328679-a.vron1.nj.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

All,

I deleted the request for information on this topic, but: You can find in-depth information about this worm, including how to rid your computer of it, at

<http://www.symantec.com/avcenter/venc/data/happy99.worm.html>

73,

Dave Newkirk, W9VES  
dpnewkirk@home.com

-----  
Message-Id: <v0310280bb30b5282721f@[134.53.65.12]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 9 Mar 1999 18:38:15 -0400  
To: Old Tube Radios <boatanchors@theporch.com>

From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>  
Subject: Re: R4C crystals FS

Buzz is offering a good buy on Drake 4-line Xtals. ANYbody who needs other Drake crystals should note that Drake sells them at a discount on their web page (WWW.RLDRAKE.COM). I ordered a bunch of WARC band xtals for my recently-acquired TR-5 for \$2/each! (4-Line xtals are \$10/ea, by the way.)

73,  
Jim W8ZR

-----  
Message-Id: <Version.32.19990309104527.00dd46c0@mail.sover.net>  
Date: Tue, 09 Mar 1999 10:50:26 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Michael Crestohl <mc@sover.net>  
Subject: FS: Coils for MILLEN GDOs  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have been hanging onto these for quite a long time but there's really no reason to - both my Millen GDOs have a full set.

I have some loose coils -

A 1.7 - 4.5  
C 6.8 - 16.0  
D 13.5 - 31  
E 25 - 60  
F 60 - 150

They are used but electrically fine. \$5.00 each plus shipping (a couple ounces each!)

73,

Michael Crestohl, W1RC  
mc@sover.net

-----  
Message-Id: <3.0.3.32.19990309204624.00c4c868@mindspring.com>  
Date: Tue, 09 Mar 1999 20:46:24 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: john <johnmb@mindspring.com>

Subject: Re: HQ-180A Identification  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I've got a 170 that has one installed as well... they were optional  
on both radios, as I understand.  
/John

At 09:55 PM 3/8/99 -0800, John Kolb wrote:  
>On Mon, 8 Mar 1999, John H. England wrote:  
>  
>> Saturday I bought a HQ-180A, SN 0445 and need some help. I havent seen one  
>> quite like this one before. If you are facing the receiver and open the lid  
>> there is a small chassis 2 1/4 by 3 3/4 that has 3 tubes. One is a 6AL5, a  
>  
>Sounds like you have the extremely rare noise blanker version.  
>  
>John KK6IL  
>  
>

+-----  
| John Brewer- WB50AU/4  
| AMI #24 Vintage Radio Website  
| <http://www.mindspring.com/~johnmb/>  
+-----

-----  
Message-Id: <199903100725.VAA03858@leka.aloha.net>  
Date: Tue, 09 Mar 1999 20:20:04 -1000  
To: Old Tube Radios <boatanchors@theporch.com>  
From: David and Shari Abell <dabell@aloha.net>  
Subject: Thanks  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Thanks to all list members who advised me on dealing with the Happy99  
Trojan. As it turns out, I have not been infected. Close one. I guess I  
avoided it by trashing the message and not executing it.

Again, thanks to all who helped.

Dave Abell

-----

Date: Wed, 10 Mar 1999 12:41:32 -0800 (PST)  
From: Liles Garcia <Liles\_Garcia@pmc-sierra.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Responses About Hallicrafters SX-71 Dial Colors  
Message-ID: <Pine.GS0.3.96.990310122039.17241A-100000@tornado.pdx.pmc-sierra.bc.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good afternoon Everybody,

I would like to publicly thank every one that responded to my question about Hallicrafters SX-71 dial colors. The consensus is that the black letters on the white background were on the early units. These early SX-71's are a little rare. The later and more common receivers had the white letters on the black background. Again, thanks to all that responded.

Regards from Aloha, Oregon,  
Liles Garcia  
liles\_garcia@pmc-sierra.com

-----  
Message-Id: <v03102811b30c80d78b69@[134.53.65.12]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Wed, 10 Mar 1999 16:10:20 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>  
Subject: Loose IF can slug? What to do?

Hi Gang,

I've got a problem trying to fix up an SB-34 transceiver. (Actually, I've got dozens of problems fixing up the SB-34, but this is the current one!) The ferrite cores in some of the IF cans are loose, so when I adjust them they don't stay put. I don't want to glue or wax them into place, since I'll likely be adjusting them for awhile. Anybody have a good tip on tightening them in the paper cores! I thought about wrapping the core in a turn of teflon tape, but the hole in the top of the IF can is barely big enough for the threaded core to turn into as is. I bet somebody has solved this problem before!

73,

Jim Garland W8ZR

-----  
Message-ID: <01BE6B12.826FC920@esieb.gmsiworld.com>  
From: Ed Sieb <esieb@gmsiworld.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Loose IF can slug? What to do?  
Date: Wed, 10 Mar 1999 16:24:41 -0500  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi Jim, and Group,

I use a thin strip of teflon tape. I insert the strip into the hole, with the end of the strip protruding up out of the core and then insert the slug. Typically, when completed, a short piece of the teflon strip will protrude out of the top of the can or core.

Another alternative is bees wax. I pour a bit of the melted wax into the core and then place the slug into the waxed core, (after the wax has cooled). Gently re-heating the core with the help of a soldering iron will secure the slug into the core.

Ed  
VA3ES

-----  
Message-ID: <007a01be6b5c\$75a71500\$f51bbfd1@n4fs>  
From: "Mike B. Feher" <n4fs@monmouth.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Loose IF can slug? What to do?  
Date: Wed, 10 Mar 1999 17:14:03 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A piece of small diameter rubber thread, as can be obtained from elastics used in clothing, can be used. Just place the rubber string down lengthwise inside the coil form and insert the slug. Should compensate for the slack created by wear. 73 - Mike

Mike B. Feher, N4FS  
89 Arnold Blvd.  
Howell, NJ, 07731  
732-901-9193

-----  
Message-ID: <003a01be6b43\$3886ece0\$e3d08e81@default>  
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Europe FS R390-A  
Date: Wed, 10 Mar 1999 22:09:19 -0000  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

R 390-A for sale within EU.  
email me if interested

73 Rag OZ8R0

-----  
Message-ID: <36E72152.6C3C@mr.net>  
Date: Wed, 10 Mar 1999 17:50:10 -0800  
From: "ROBERT F. KEMP" <rkemp@mr.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Swan Main Tuning Knob WTB  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello.

Anyone have a main tuning knob for a my Swan 500CX. (same style as the 700cx, 350 etc.). Could use one if you do. Let me know how much.  
Bob.

-----  
Message-ID: <36E70D7B.5F468633@txdirect.net>  
Date: Wed, 10 Mar 1999 18:25:31 -0600  
From: Bill <billross@txdirect.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Loose IF can slug? What to do?  
Content-Type: text/plain; charset=koi8-r

Content-Transfer-Encoding: 7bit

Ed Sieb wrote:

>  
> Hi Jim, and Group,  
>  
> I use a thin strip of teflon tape.  
> Another alternative is bees wax. I pour a bit of the melted wax into the core  
and then  
> place the slug into the waxed core,

I like the Teflon tip and use it myself but caution you on the use of  
wax in IF coils. Although this will secure the slug in the coil, it  
eventually is going to have to be moved when retuning because of  
component aging. Old wax often becomes crumbly when heated rather than  
smooth and I have fractured more than one IF slug stuck in a coil with  
wax.

Bill Ross

-----  
Message-ID: <36E71050.D817E736@mc.net>  
Date: Wed, 10 Mar 1999 18:37:36 -0600  
From: Kevin Thomas <kg9il@mc.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: WTB Heath Apache  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi all,

I am looking for an Apache to pair with a recently acquired SX-101.  
Need not work, but must be original and restorable.....prefer something  
near Chicago as these babies are expensive to ship...what ya got????

Kevin  
KG9IL

-----  
Message-Id: <3.0.32.19990310190138.007bfb60@mail.wt.net>  
Date: Wed, 10 Mar 1999 19:03:13 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "Benjamin D. Hall" <kd5byb@WT.NET>  
Subject: BA's For Sale  
Mime-Version: 1.0



Content-Type: text/plain; charset="us-ascii"

Greetings all - call it a getting married / possibly moving sale. I've got just too much stuff and no time to work on any of it. (Plus the IRS wants more than I expected) So, the following is for sale - if you don't like the price, make me an offer. UPS Shipping to be paid by buyer (not included in prices), and I'll pay for the packaging material. Given a few days I can get pictures scanned for e-mail distribution.

Drake 2B - good condition, with a refinished case and touched-up front panel. Works well last time I powered it up about 6 months ago. With photocopy manual. \$100

National NCX-3 - gosh, bought this about 3 years ago with the intention of getting my Novice liscense and putting it on the air, but haven't touched it. The RX worked when I got it, have no idea about the TX section. I've got the matching VFO (won't separate), a parts chassis, and manual. \$275 for all

R-366/TRR-5 - This is a troop morale receiver, AM BC thru 30 MHz I beleive. Has push-pull 6AQ5 outputs that sound nice. Cosmetically good, with one 1/2" hole in the front panel, missing coil cover, but works well. Neat set, have a manual photocopy for it. \$150

Panoramic SA-8b type T-200 panadapter - 455 kc center frequency, works somewhat (I recapped 95% of it) but needs calibration. Think I've got the correct manual - will have to look. With PS-8b power supply. \$100

Panoramic/Singer Metrics SA-3 T-2000NC panadapter - 30 mc center frequency, untested, but looks okay. Don't have a manual for it, but do have matching strange power cord. \$make me an offer, I have no idea what this is worth. Would like to put it in the hands of someone who would put it to use.

Hammarlund HQ-140XA - AM BC to 30 MHz receiver. Works very well, looks very nice except for paint blemish (fingernail wear?) near bandsread knob. With matching speaker and original manual. \$250

More to come later.

73,  
Ben

---

Benjamin D. Hall, KD5BYB, Engine and radio collector / operator.  
Located in Houston, Texas, USA.

e-mail: kd5byb@WT.net, web: \*\*\*down for refurbishment\*\*\*

"An ye harm none, do what ye will."

-----  
Message-ID: <36E714F6.2FE27A04@kc2kj.k2nesoft.com>  
Date: Wed, 10 Mar 1999 19:57:26 -0500  
From: Mike Sullivan <michaels@kc2kj.k2nesoft.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: boatanchors@theporch.com  
Subject: Re: Loose IF can slug? What to do?  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

One idea is to take the loose core out and place some small diameter string (or small rubber band, etc) in the core and then thread the core into the tube. works great!

Mike

kc2kj

Jim Garland W8ZR wrote:

>

> Hi Gang,

>

> I've got a problem trying to fix up an SB-34 transceiver. (Actually, I've  
> got dozens of problems fixing up the SB-34, but this is the current one!)  
> The ferrite cores in some of the IF cans are loose, so when I adjust them  
> they don't stay put. I don't want to glue or wax them into place, since  
> I'll likely be adjusting them for awhile. Anybody have a good tip on  
> tightening them in the paper cores! I thought about wraapping the core in  
> a turn of teflon tape, but the hole in the top of the IF can is barely big  
> enough for the threaded core to turn into as is. I bet somebody has solved  
> this problem before!

>

> 73,

>

> Jim Garland W8ZR

-----  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Avery Comarow <acomarow@USNEWS.COM>  
Subject: Re: Loose IF can slug? What to do?  
Cc: Old Tube Radios <boatanchors@theporch.com>, boatanchors@theporch.com  
Date: Wed, 10 Mar 1999 20:31:33 -0500  
Message-Id: <01313339011656@usnews.com>

Along those lines, how about a strand (two, if necessary and if two will fit) of waxed or Teflon-coated dental floss?

Avery W40GK

At 07:57 PM 3/10/99 -0500, Mike Sullivan wrote:

>One idea is to take the loose core out and place some small diameter  
>string (or small rubber band, etc) in the core and then thread the core  
>into the tube. works great!

>Mike

>kc2kj

>Jim Garland W8ZR wrote:

>>

>> Hi Gang,

>>

>> I've got a problem trying to fix up an SB-34 transceiver. (Actually, I've  
>> got dozens of problems fixing up the SB-34, but this is the current one!)  
>> The ferrite cores in some of the IF cans are loose, so when I adjust them  
>> they don't stay put. I don't want to glue or wax them into place, since  
>> I'll likely be adjusting them for awhile. Anybody have a good tip on  
>> tightening them in the paper cores! I thought about wrapping the core in  
>> a turn of teflon tape, but the hole in the top of the IF can is barely big  
>> enough for the threaded core to turn into as is. I bet somebody has solved  
>> this problem before!

>>

>> 73,

>>

>> Jim Garland W8ZR

>

>

-----  
Message-ID: <000e01be6b68\$86652920\$b0d60218@mcmb1.mi.home.com>

From: "Tom Bowes" <kk8m@home.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Resistor Needed

Date: Wed, 10 Mar 1999 21:40:28 -0500

MIME-Version: 1.0

Content-Type: text/plain;  
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

One of the modulator bias resistors went out on my T-368 and I am looking for a replacement. The resistor in question is schematically known as R23, a 2500 ohm at what looks to be about a 100 watt. This is a flat, wirewound resistor with two standoffs, one on each end. Overall length is about 7.25" with 6.75" mounting centers. The ceramic part is 5.875"x1"x.3125" +/- . Might any of you out there in BA land have one of these that you would be willing to part with? A couple of 5000 ohm resistors of the same variety could also be made to work. Thanks.

"Tom"

Tom Bowes/KK8M  
5529 25 Mile Road  
Shelby Twp. MI 48316

-----  
Message-ID: <36E72FE4.BE7AF92D@esslink.com>  
Date: Wed, 10 Mar 1999 21:52:20 -0500  
From: Sandy Gerli <angerli@esslink.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Hallicrafters chokes??  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

Nearly finished working on my Halli SR-2000. Works fine, EXCEPT, the power supply gives off a nasty buzz on the low-power (CW-TUNE) setting. Sounds almost like a choke or xfmr buzzing from loose laminations. Strange, the buzz disappears when the high-power SSB setting is selected.

Power supply's been totally recapped and shows pretty stiff solid voltages, 1700V low, 2700V high.

There are three chokes in there, one in the screen supply for the 8122s, two more in the 280V LV supply; they're simple-looking, open-frame jobs. Manual gives no information on inductances or current capability, just Halli part numbers.

Can anyone enlighten me further??

73,

--

Sandy Gerli, AC1Y  
500 Country Club Road  
Avon, CT 06001-2406  
(860) 675-5566  
E-Mail: angerli@esslink.com

Life Member: ARRL, QCWA  
Collins Collectors Association  
Hallicrafters Collectors Association

"Boatanchors are Ham Radio's living heritage!  
Get in touch with 'em. Restore something! Smell that hot solder!  
Sure beats booze. And, you can get up afterwards..."

-----  
Message-Id: <3.0.32.19990310211555.007c1100@mail.wt.net>  
Date: Wed, 10 Mar 1999 21:23:17 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "Benjamin D. Hall" <kd5byb@WT.NET>  
Subject: Re: BA's For Sale  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>National NCX-3 - gosh, bought this about 3 years ago with the intention of

Ooops, that should read NCX-5, not -3. Darn typos!

73,  
Ben

---

Benjamin D. Hall, KD5BYB, Engine and radio collector / operator.  
Located in Houston, Texas, USA.  
e-mail: kd5byb@WT.net, web: \*\*\*down for refurbishment\*\*\*  
"An ye harm none, do what ye will."

-----  
Message-ID: <36E739AD.727FE5B6@esslink.com>  
Date: Wed, 10 Mar 1999 22:34:06 -0500  
From: Sandy Gerli <angerli@esslink.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Diode data???  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

Anyone have data on the following diodes:

1N3487  
1N3194

Would the good old 1N4007 work as a substitute?

73,

--

Sandy Gerli, AC1Y  
500 Country Club Road  
Avon, CT 06001-2406  
(860) 675-5566

E-Mail: angerli@esslink.com

Life Member: ARRL, QCWA  
Collins Collectors Association  
Hallicrafters Collectors Association

"Boatanchors are Ham Radio's living heritage!  
Get in touch with 'em. Restore something! Smell that hot solder!  
Sure beats booze. And, you can get up afterwards..."

-----  
Message-Id: <4.1.19990310194332.035a0280@office.ao.com>  
Date: Wed, 10 Mar 1999 19:57:51 -0800  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Gary Oliver <go@ao.com>  
Subject: Looking for some some KSR28 spare parts...  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I'm "restoring" a model 28D KSR28 teletype and need to undo a previous modification made to disable the carriage return function and instead define the Line feed function to do a Carriage return/Line feed.

To accomplish this, I need to replace one of the function bars associated with the CR and recode it for Carriage Return. (At the moment, both the CR and LF are assigned to the LF code, causing both functions to activate simultaneously on reception of LF.)

I will probably be able to bend the CR function bar back to it's original position (only need to bend two stops) but I'd like to have a spare or two just in case I get it wrong or the metal is fatigued after all these years...

Short of looking for a spare 28, does anyone have any loose pieces lying around from which I could rob one or two of these function bars? I'd certainly be willing to pay shipping and a small "reward" for finding these ;-}

Thanks,

Gary  
wa7shi

-----  
Message-ID: <000201be6b75\$70a72360\$bb2029d8@blah>  
From: "Richard" <rbrunner@gis.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Diode data???

Date: Wed, 10 Mar 1999 23:06:49 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

1N3487	Germanium	1200	prv	400	Ma	
1N3194	Silicon		400	prv	750	Ma
1N4007	Silicon		1000	prv	750	Ma

Reference EDN 1968 Semiconductor Annual

Richard Brunner, AA1P, rbrunner@gis.net

-----  
Message-Id: <3.0.1.32.19990310222542.006c68d4@mail.escape.ca>  
Date: Wed, 10 Mar 1999 22:25:42 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Jim Roik <jnroik@escape.ca>  
Subject: Re: Diode data???  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>1N3487  
1.2kV .4A Ir=50uA Vf@If 2/400mA  
The 1N4007 could be a bit light as it is rated to 1kV  
>1N3194  
400V .75A Ir@Vr 5/200 Vf@If 1.2/750  
The 1N4004 is equivalent so 1N4007 will work fine  
>  
>Would the good old 1N4007 work as a substitute?  
--  
>Sandy Gerli, AC1Y

Best wishes.

Jim

-----  
Message-Id: <3.0.1.32.19990310223042.006cc4a4@mail.escape.ca>  
Date: Wed, 10 Mar 1999 22:30:42 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Jim Roik <jnroik@escape.ca>  
Subject: Re: Diode data???  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 11:06 PM 3/10/99 -0500, Richard wrote:  
>1N3487     Germanium     1200 prv     400 Ma

Interesting, TI data book (1973) lists it as silicon.

>Reference EDN 1968 Semiconductor Annual  
>  
>Richard Brunner, AA1P, rbrunner@gis.net

Jim  
Best wishes.

Jim VE4AQ

-----  
Date: Wed, 10 Mar 1999 20:39:37 -0800  
From: Arden Allen <gumbear@pacbell.net>  
Subject: Re: Diode data???  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0F8E009VXYBN60@mta1.snfc21.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

Hi Sandy;

> Anyone have data on the following diodes:  
>  
> 1N3487  
> 1N3194

Yep. The Semiconductor Data Book, Fourth Edition, by Motorola, C. 1969  
sez:

1N3487: Rectifier diode; peak reverse volts,1200; foreward volts at .4  
amps, 2.0; reverse current, 50 microamps; surge current, 10 amps. (replace  
with 1N4007 [1000 PRV ])

1N3194: Rectifier diode; 400 PRV; Vf 1.2 @ .75A; Ir 200 uA; Isurge 40A.  
(replace with 1N4004 or higher voltage rating)

May be sillycon, but certainly boatanchorous stuff.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net



-----  
Date: Wed, 10 Mar 1999 20:20:05 -0800  
From: Arden Allen <gumbear@pacbell.net>  
Subject: Re: Loose IF can slug? What to do?  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0F8E009VMYBM60@mta1.snfc21.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

> .....The ferrite cores in some of the IF cans are loose, so when I  
adjust them  
> they don't stay put. I don't want to glue or wax them into  
place.....

As Avery already suggested, use waxed dental tape. I have several sizes of  
waxed nylon lacing tape, the ribbon-like stuff used for lacing up wire  
harnesses. Waxed dental tape, made of dacron I believe, gives identical  
results as my smallest nylon lacing tape. Depending on how loose the core  
is, array two or more pieces of tape around a 90 degree arc with at least  
1/8 inch hanging outside the coil form. The slug should offer smooth  
resistance without having to apply excessive torque. Once you get it right  
the slug will stay in place without having to lock it with wax.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

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End of BOATANCHORS Digest 2457  
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